

Message Text

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ACTION SCI-06

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TAGS: TECH, OECD

SUBJECT: OECD/NEA -- LONG TERM ENERGY POLICIES AND RELATED QUESTIONS:
ROLEX OF NUCLEAR ENERGY

1. SUMMARY. NOVEMBER 29 NELT MEETING PROVIDED GUIDANCE ON
STRUCTURE AND CONTENT OF NEA CONTRIBUTION TO OVERALL OECD ENERGY
STUDY. NEXT NELT MEETING, FEBRUARY 21, TO CONSIDER FINAL DRAFT
NEA REPORT. ACTION REQUESTED: INFORMATION ON U.S. SITUATION
URGENTLY NEEDED CONCERNING (A) RESOLUTION OF DISCREPENCY BETWEEN
AEC AND USDI FIGURES, PARA 3, BELOW, BY DECEMBER 17; AND
(B) INDUSTRIAL CAPACITY, PARA 4, BELOW, BY JANUARY 11. END
SUMMARY.

2. NEA STUDY GROUP ON LONG TERM ROLE OF NUCLEAR ENERGY (NELT)
MET NOVEMBER 29 TO REVIEW PROGRESS AND AGREE ON FUTURE WORK
PLAN IN ORDER TO COMPLETE REPORT BY END FEBRUARY 1974 ON ROLE
OF NUCLEAR ENERGY AS CONTRIBUTION TO OVERALL OECD STUDY ON LONG
TERM ENERGY POLICIES. SAMLL WORKING GROUP CONSISTING OF CERTAIN
NELT REPS AND REPS OF NEA COMMITTEE ON RADIATION PROTECTION
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AND PUBLIC HEALTH TO MEET MID-JANUARY TO CONSIDER SECTION OF

REPORT ON IMPACT OF SAFETY AND REGULATORY FACTORS. FINAL DRAFT REPORT TO BE DISTRIBUTED EARLY FEBRUARY TO NELFT REPS FOR CONSIDERATION AT NEXT FEBRUARY 21 NELT MEETING. THE FOLLOWING NELT WORKING DOCUMENTS TABLED AT MEETING AIR POUCHED TO AEC, USEC AND THE DEPARTMENT: ADDENDUM TO WORKING DOCUMENT 4, AND WORKING DOCUMENTS 5-7. NELT WORKING DOCUMENT 5 ENTITLED "SITUATION IN THE FIELD OF RADIATION PROTECTION AND WASTE MANAGEMENT" BASED LARGELY ON OAK RIDGE STUDY. SECRETARIAT WOULD APPRECIATE U.S. COMMENTS BY JANUARY 11 PARTICULARLY WITH RESPECT TO WASTE MANAGEMENT DECISIONS THAT NEED TO BE TAKEN NOW.

3. SECRETARIAT NOTED SIGNIFICANT DISCREPANCY IN U.S. FIGURES PROVIDED BY AEC AND DEPARTMENT OF INTERIOR FOR INSTALLED NUCLEAR CAPACITY FOR 1980 AND PARTICULARLY 1985. THIS DISCREPANCY SHOWS UP IN NELT WORKING DOCUMENT 4, PAGES 3 AND 4. AEC FIGURES FROM DECEMBER 1, 1972 REPORT ENTITLED "NUCLEAR POWER 1973-2000". USDI FIGURES, BEING USED BY OECD CENTRAL UNIT RESPONSIBLE FOR OVERALL OECD STUDY, FROM DECEMBER 1972 REPORT ENTITLED "U.S. ENERGY THROUGH THE YEAR 2000." DISCREPANCY AS FOLLOWS:
(A) 1980; AEC 132 GWE, USDI 120 GWE
(B) 1985, AEC 280 GWE, USDI 215 GWE
SECRETARIAT REQUESTS GUIDANCE ON WHAT STATION LOAD FACTORS SHOULD BE APPLIED TO CAPACITY FOR THESE YEARS. FOR NEA STUDY SECRETARIAT PLANS TO USE 70-0/0 LOAD FACTORS BASED ON RECOMMENDATION OF NELT STUDY GROUP. WOULD APPRECIATE COMMENT ON APPARENT DISCREPANCY IN AEC AND USDI FIGURES BY DECEMBER 17.

4. IN ORDER TO PROVIDE USEFUL NELT CONTRIBUTION TO OVERALL OECD ENERGY STUDY, USOECD STRONGLY RECOMMENDS THAT U.S. MAKE EVERY POSSIBLE EFFORT TO PROVIDE INFORMATION REQUESTED IN NELT WORKING DOCUMENT 3, DATED 1 SEPTEMBER 1973 AND PREVIOUSLY POUCHED TO AEC, USEC AND DEPARTMENT. ONLY INFORMATION AVAILABLE TO SECRETARIAT ON U.S. SITUATION IF THAT PROVIDED IN 1973 REPORT OF ATOMIC INDUSTRIAL FORUM ENTITLED "RESOURCE NEEDS FOR NUCLEAR POWER GROWTH." ALTHOUGH THIS IS EXCELLENT REPORT AND PROVIDES MAJOR INFORMATION REQUIREMENTS FROM INDUSTRY POINT OF VIEW, MISSION REQUESTS U.S. GOVERNMENT COMMENTS OR QUALIFICATIONS ON USE OF
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INFORMATION IN THIS REPORT TO ANSWER QUESTIONNAIRE IN NELFT WORKING DOCUMENT 3. TO SIMPLIFY U.S. RESPONSE TO THIS QUESTIONNAIRE, SECRETARIAT WOULD APPRECIATE AT LEAST COMMENTS ON FOLLOWING ITEMS:
PAGE 2, POSSIBLE FUTURE DELAYS IN NUCLEAR POWER PLANT CONSTRUCTION
PAGE 4, FUTURE TRENDS IN COST ESCALATION
PAGE 7, FUTURE PLANS WITH RESPECT TO ADEQUATE FINANCE

FOR NUCLEAR POWER PROGRAMS

PAGE 10, FUTURE CAPABILITY WITH RESPECT TO PRODUCTION

OR ERECTION OF MAJOR COMPONENTS INCLUDING CAPACITY AVAILABLE
FOR EXPORT (ITEM 2).

U.S. REPLY REQUESTED NO LATER THAN JANUARY 11, 1974.BROWN

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